© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

Diagnoses

specierum novarum a J. F. Quadras in insulis Mariannis collectarum scripserunt

J. F. Quadras et O. F. de Moellendorff.

1. *Lamprocystis* (*Microcystina*) *denticulata* Q. et Mlldff.

T. imperforata, conoideo-globosa, tenuis, pellucida, levissime striatula, pallide flavescens; spira fere semiglobosa apice obtuso. Anfractus 5 convexiusculi, sutura anguste marginata discreti, lente accrescentes, ultimus basi subapplanatus, medio paullum excavatus. Apertura fere verticalis, late elliptica, valde excisa, peristoma simplex acutum, margine columellari calloso, reflexiusculo, appresso; columella superne tuberculo dentiformi sat valido munita.

Diam. maj. 4, alt. 3,25 mm.

2. *Patula fusca* Q. et Mlldff.

T. modice sed aperte umbilicata, umbilico $^1/_4$ diametri adaequante, lenticularis, tenuis, striis transversis pliciformibus et lineis spiralibus valde confertis sculpta, opaca, fusca; spira parum elevata. Anfr. 4 planiusculi, infra medium subconcavi, lente accrescentes, sutura profundiuscula discreti, acute carinati, carina crenata ad suturas paullum exserta, ultimus vix descendens, basi convexiusculus, circa umbilicum indistincte angulatus. Apertura modice obliqua, securiformis, peristoma simplex, acutum.

Diam. maj. 6, min. 5,5, alt. 2,75 mm.

3. *Patula rotula* Q. et Mlldff.

T. aperte umbilicata, umbilico $^2/_7$ diametri adaequante, discoidea, tenuis, striis transversis, lineis spiralibus tenuissimis maxime confertis et costulis arcuatis sat

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

distantibus sculpta, in costulis cuticula membranacea lamellatim induta, fuscobrunnea; spira plana, vix prominens. Anfr. 4½ convexiusculi, lente accrescentes, sutura sat profunda discreti, ultimus convexus, non descendens, apertura modice obliqua, circularis, valde excisa, peristoma rectum, acutum.

Diam. maj. 4,75, min. 4, alt. 2 mm.

F. pallens luteo-cornea aut corneo-brunnea.

Var. intercedens. Differt umbilico fere ⅓ diametri adaequante, spira paullum elevata, anfractu ultimo ad peripheriam obtuse angulato, supra angulum levissime impresso.

4. *Patula Quadrasi* Mlldff.

T. aperte umbilicata, umbilico ⅓ diametri adaequante, discoideo-depressa, tenuis, striis transversis tenuibus, lineis spiralibus maxime confertis et plicis arcuatis sat validis distantibus sculpta, in plicis et lineis spiralibus cuticula membranacea valde decidua lamellatim obduta, fuscobrunnea; spira vix elevata apice plano. Anfr. 4½ planiusculi, infra medium sat concavi, fere sulcati, carina rotundata per plicas undulata carinati, ultimus non descendens. Apert. modice obliqua rotundato-securiformis, peristoma simplex acutum.

Diam. maj. 5, min. 4,5, alt. 2 mm.

5. *Endodonta mariannarum* Q. et Mlldff.

T. modice umbilicata, umbilico ²/₇ diametri adaequante, depresso-conoidea, solidula, costulis acutis, arcuatis sat distantibus sculpta, opaca, fusca; spira sat elevata, apice plano flavescente. Anfr. 5 sat convexi, sutura profunda discreti, lente accrescentes, ultimus basi bene convexus, non descendens. Apertura fere verticalis

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

circularis, sat excisa, peristoma simplex acutum. Lamella parietalis a peristomate sat remota, validiuscula, longe intrans, palatalis nulla, columella dente brevi validiusculo munita.

Diam. maj. 3,5, alt. 2,25 mm.

6. *Endodonta heptaptychia* Q. et Mlldff.

T. aperte umbilicata, umbilico $^3/_8$ diametri adaequante, discoidea, tenuis, subpellucida, confertim et arcuatim costulata, flavida strigis castaneis flexuosis regulariter et eleganter picta: spira plana, parum prominens, Anfr. $4^1/_2$ convexiusculi, sutura sat profunda discreti, ultimus convexus, supra peripheriam paullum applanatus, non descendens. Apert. sat obliqua, subcircularis, valde excisa, peristoma simplex, acutum. Lamellae 7, parietales 2 approximatae, valde triangulariter elevatae, palatales 4, columellaris 1 validae.

Diam. maj. 4, min. 3,5, alt. 2 mm.

7. *Partula quadrasi* Mlldff.

T. dextrorsa, anguste et semiobtecte perforata, ventricoso-ovatoconica, tenuissima, pellucida, transverse subtiliter striatula, lineis spiralibus valde confertis decussata, parum nitens, pallide lutescens, strigis angustis saturatioribus et albidis variegata, interdum taeniis 2 confusis ornata: spira subregulariter conica apice obtusulo. Anfr. 4 convexiusculi sutura appressa, marginata discreti, ultimus bene convexus, fere tumidus. Apert. sat obliqua, ovalis, parum excisa, peristoma simplex tenue, sat expansum, columella superne dilatata, recurvata cum pariete angulum distinctum fere canaliformem formans.

Diam. maj. 10,5, alt. 15, apert. lat. 7, long. 9, alt. 8,25 mm.

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

8. *Tornatellina quadrasi* Mlldff.

T. imperforata, ovato-globosa, tenuis, pellucida, subtiliter striatula, nitidula, pallide luteo-cornea; spira parum elevata apice obtusulo. Anfr. $3^1/_2$ vix convexiusculi, rapide accrescentes, ultimus magnus, tumidulus. Apert. modice obliqua, ovalis, peristoma simplex acutum margine columellari levissime reflexo, appresso. Lamella parietalis valde elevata, spiraliter intrans, columella valde lamellatim dilatata, basi angulo recto profunde excisa.

Diam. maj. 2, alt. 2,5 mm.

9. *Tornatellina* (*Lamellina*) *microstoma* Q. et Mlldff.

T. subrimata, oblongo-conica, tenuis, subpellucida, subtiliter striatula, parum nitens, luteo-cornea; spira turrita, lateribus convexiusculis, apice acuto. Anfr. $6^1/_2$ planiusculi, sutura parum impressa discreti, lente accrescentes, ultimus pone aperturam spiraliter impressus, subsulcatus. Apertura sat obliqua, rhomboidea; peristoma simplex, acutum, margine columellari paullum dilatato, patente; columella valde spiraliter torta, lamellatim intrans, superne excisa, processu dentiformi extus porrecta. Lamella parietalis modice elevata intus longe producta, palatalis una breviuscula, a margine remota.

Diam. 1,75, alt. 3,5 mm.

In junioribus columella trilamellata, lamella parietalis magis elevata, anfractus ultimus costis transversis internis denticulatis 3 sat distantibus in adultis omnino evanescentibus munitus.

10. *Tornatellina* (*Lamellina*) *subcylindrica* Q. et Mlldff.

T. non rimata, subcylindraceo-turrita, subtiliter striatula, tenuis, subpellucida, nitidula, luteo-cornea; spira sensim

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

attenuata apice obtusulo. Anfr. $6^1/_2$ sat convexi, ultimus distinctius plicato-striatus, ab initio profundiuscule medio spiraliter impressus. Apert. modice obliqua, rotundato-trapezoidalis, peristoma simplex acutum. Columella superne dilatata, extus processu dentiformi patens, valde spiraliter torta, superne subdentata. Lamella parietalis obliqua, valde elevata, longe intrans, palatalis nulla.

Diam. 1,5, alt. 3,33 mm.

In junioribus collumella bidentata, anfractus ultimus ut sp. praec. costis internis munitus.

11. *Vertigo* (*Ptychochilus*) *quadrasi* Mlldff.

T. subperforata, oblonge ovata, tenuis, costulis tenuissimis subdistantibus sculpta, sericina, brunnea. Anfr. 5 convexi, lente accrescentes, sutura profunda discreti, ultimus antice vix ascendens, basi compressus, pone aperturam distincte scrobiculatus. Apert. fere verticalis, rotundato-triangularis, peristoma sat expansum, fusco-labiatum, marginibus convergentibus, dextro profundiuscule sinuato, callo noduliformi munito. Plica angularis sat alta, extus curvata, cum nodulo marginis externi sinulum ellipticum formans, parietales 2, una valde elevata longe intrans, altera minima, columellares 2, palatales 3 profundae quarum dextra longiuscula, lamelliformis.

Diam. 1, alt. 1,9 mm.

12. *Succinea* (*Neritostoma*) *quadrasi* Mlldff.

T. oblongo-ovata, tenuiuscula, pellucida, sat fortiter plicato-striata, indistincte malleata, fulva, sursum rubella. Anfr. 3 celeriter accrescentes, sutura profunda discreti, convexi, ultimus sat inflatus $^3/_4$ altitudinis

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

aequans. Apert. modice obliqua, fere exacte ovalis, peristoma rectum acutum, columella subplicata.
Diam. 8, alt. 13,5, apert. long. 10, lat. 5,5.

13. *Succinea* (*Amphibina*) *piratarum* Q. et Milldff.

T. ovato-oblonga, tenuis, confertim plicato-striata, indistincte decussatula et malleata, luteo-cornea, apice fulvo. Anfr. 3 convexi, ultimus valde descendens, superne paullum applanatus. Apert. modice obliqua, acuminato-ovalis.
Diam. 7, alt. 11,25, apert. long. 8, lat. 5 mm.

14. *Melampus* (*Signia*) *quadrasi* Milldff.

T. ovato-oblonga, solida, sulcis spiralibus profundiusculis confertis et striis transversis pliciformibus undique granulata, opaca, brunnea; spira convexo-conoidea apice mucronato, peracuto. Anfr. 9 plani, sutura appressa, lacerata discreti, ultimus $^4/_5$ altitudinis adaequans, supra medium obtuse angulatus, infra medium subimpressus, plerumque albobitaeniatus. Apert. parum obliqua, angusta, oblonga, peristoma rectum, obtusum, intus sublimbatum, margine columellari valde callosoincrassato, appresso. Lamellae parietales 2, supera sat humilis, infera valida horizontalis, longe intrans, columellaris parva.

15. *Palaina taeniolata* Q. et Milldff.

T. sinistrorsa aut rarius dextrorsa, rimata, ovato-conica, tenuiuscula, subpellucida, costulis acutis sat distantibus sculpta, flava, pallide fulva, fulva aut corneo-brunnea. Anfr. $6^1/_2$ convexi, penultimus magnus, ultimus initio constrictus, paullum devians, ad suturam plerumque taenia rufofusca interdum usque in anfractum penultimum producta ornatus, antice sat ascendens. Apert.

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

verticalis, subcircularis; peristoma multiplex, labiis 4—5 tenuibus lamellatim expansis sulcis profundiusculis separatis sistens.

Alt. 2.3, diam. max. 1.3 mm.

16. *Palaina hyalina* Q. et Mlldff.

T. amphidroma, non rimata, ovata, tenuissima, pellucida, hyalina, costulis filiformibus acutis, sat distantibus sculpta. Anfr. 6 convexi, sutura profunda discreti, ultimus decrescens, initio valde constrictus, tum inflatulus, antice paullum ascendens. Apert. fere verticalis, subcircularis, peristoma duplex, externum expansum, internum porrectum, vix expansum.

Alt. 2.4, diam. 1.4 mm.

17. *Omphalotropis elongatula* Q. et Mlldff.

T. rimata, oblongo-conica, transverse subtilissime striatula, lineis spiralibus impressis sat distantibus decussata, pallide flavescens aut rubella; spira turrita, fere exacte conica apice obtusulo. Anfr. 7 planiusculi, sutura parum impressa disjuncti, ultimus basi carina parum distincta rimae valde approximata cinctus, ad peripheriam confuse angulatus. Apertura vix obliqua, ovalis, peristoma vix expansum, intus sat labiatum, basi subeffusum.

Alt. 8.25, diam. 4.5 mm.

Var. brunnescens. Corneo brunnea, interdum bifasciata, anfractibus paullo convexioribus, carina basali paullo magis distincta.

Var. chrysostoma. Anfr. paullo celerius accrescentibus ultimo magis convexo, colore vario: luteo-flava, carneo, rubello, apertura intus laete flava aut aurantiaca aut rubella.

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

Var. contracta. Differt a var. praec., cui proxima, anfr. 6½, labro validiore, basi magis effuso. Alt. 6,3, diam. 4 mm.

18. *Omphalotropis picta* Q. et Milldff.

T. anguste perforata elongate pyramidata, tenuis, subpellucida, laevigata, nitens, rubello fulva flavido-marmorata; spira elongata, exacte conica. Anfr. 7 vix convexiusculi, sutura submarginata discreti, ultimus vix angulatus, basi crista compressa, bene exserta perforationi aproximata cinctus. Apert. fere verticalis, acuminato-ovalis, peristoma haud expansum, intus sublabiatum.

Alt. 5,5, diam. 3,20 mm.

19. *Omphalotropis ochthogyra* Q. et Milldff.

T. anguste perforata, graciliter conico-turrita, tenuis, subpellucida, laevigata, lineolis spiralibus microscopicis indistincte decussata, brunneo-cornea, flavido-marmorata; spira turrita apice obtuso. Anfr. 8 lente accrescentes, sutura submarginata discreti, supremi convexiusculi, sequentes planiusculi, ultimus paullo convexior, infra medium obtuse angulatus, basi carina valida, bene exserta perforationi approximata cinctus. Apert. fere verticalis, acuminato-ovalis, peristoma haud expansum, intus sublabiatum, basi ad carinam subeffusum, ad columellam profundiuscule sinuatum.

Alt. 6, 5, diam. 3,5 mm.

var. attenuata, paullo gracilior, anfr. ultimo vix angulato, columella magis sinuata, lineolis spiralibus paullo magis distinctis. Alt. 6, diam. 3 mm.

20. *Omphalotropis laticosta* Q. et Milldff.

T. angustissime perforata, graciliter elongato turrita, transverse striatula, lineis spiralibus confertis, tenuibus sed

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

distinctis decussata, costis transversis validis, latis, sat planis, albis eleganter sculpta, alternatim flavido- et rufo-strigata; spira gracillime elongato-conica apice obtuso. Anfr. $8^1/_2$ convexiusculi, ultimus infra medium subacute angulatus, basi laevigatus, crista sat distincta perforationi sat approximata cinctus. Apert. paullum obliqua, acuminato-ovalis, peristoma obtusum, expansiusculum, intus sublabiatum.

Alt. 5.75, diam. 2.5 mm.

21. *Omphalotropis latilabris* Q. et Milldff.

T. aperte perforata, conico-ovata, solidula, plicis sat confertis flexuosis et lineis spiralibus elevatis paullum distantibus sculpta, flavo-aut fulvo-cornea aut brunnea, interdum bitaeniata; spira sat elate conoidea lateribus paullulum convexiusculis apice acutulo. Anfr. 6 planulati, carina bene exserta cincti, sutura profunde canaliculata discreti, ultimus magnus, spiram subaequans, basi crista compressa, valida, suberenulata a perforatione sat remota cinctus. Apertura parum obliqua, acuminato-ovalis, peristoma duplex, internum continuum, superne solutum, paullum expansum, externum pro genere late expansum, ad insertionem recedens, subalatum, basi ad cristam longiuscule effusum, auriculatum. Operculum normale.

Alt. 7.5, diam. 6 mm.

22. *Omphalotropis quadrasi* Milldff.

T. sat aperte perforata, sat depresse turbinata, solidula, transverse striata, lineis spiralibus elevatis confertis et costis validis distantibus flexuosis subtus evanescentibus sculpta, corneo-fulva aut brunnea aut flava, interdum marmorata; spira fere exacte conica, apice obtusulo. Anfr. 6, supremi convexi, reliqui ad suturam profunde canaliculatam angulati, tum fere plani, ulti-

© Biodiversity Heritage Library, http://www.biodiversitylibrary.org/; www.zobodat.at

mus ad peripheriam carina acuta eleganter undulata et basi crista a perforatione valde remota, valde elevata, compressa, crenata cinctus. Apertura sat obliqua, acuminato-ovalis, peristoma duplex, internum continuum, superne appressum, expansiusculum, externum late expansum, superne excisum, subalatum, ad carinam canaliculatum, basi ad cristam longiuscule effusum, subauriculatum, ad columellam attenuatum. Operculum normale.

Alt. 6, diam. 5,75 mm.

var. dimidiata. Alt. 4,25, diam. 4 mm.

23. *Omphalotropis elegans* Q. et Mlldff.

T. anguste perforata, elate turbinata, tenuis, subpellucida, costulis filiformibus distantibus sculpta, pallide cornea: spira exacte conica, apice acutulo. Anfr. 6 convexi, sutura profunda discreti, ultimus ad peripheriam carina tenui, ad aperturam evanescente, altera basali valida a perforatione sat remota cinctus. Apertura parum obliqua, ovalis, sat excisa, peristoma rectum, vix labiatum, ad columellam profundiuscule sinuatum. Alt. 4,25, diam. 6 mm.

24. *Omphalotropis suturalis* Q. et Mlldff.

T. rimata, ovato-conica, solida, subtiliter striatula, flava: spira gradata, convexo-conoidea. Anfr. 6 ad suturam impressam albotaeniati, convexi sed lateraliter compressi, ultimus ad peripheriam vix angulatus, plerumque albotaeniatus, basi palleus, carina parum distincta, rimae maxime approximata cinctus. Apertura verticalis, acuminato-ovalis, peristoma rectum, obtusum, intus labiatum, basi subeffusum, ad columellam sinuatum. Operculum normale.

Alt. 5, diam. 3,5 mm.

Fortsetzung folgt.